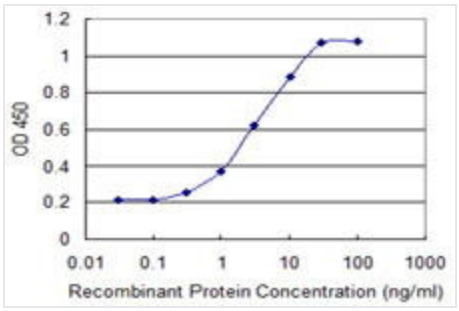
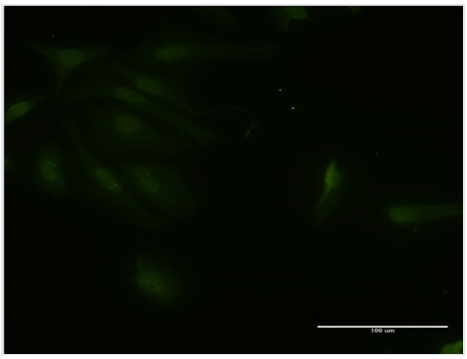
RNF125 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

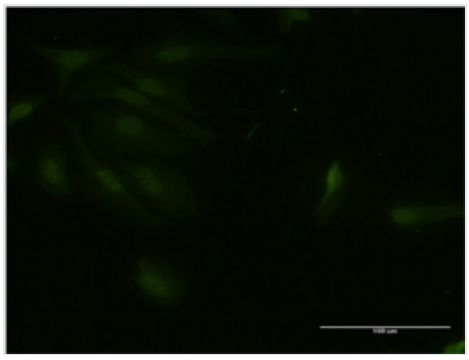
Product Name	RNF125, Monoclonal Antibody
Full Product Name	RNF125 (RING Finger Protein 125, FLJ20456, MGC21737, TRAC1) (FITC)
Product Gene Name	anti-RNF125 antibody
Product Synonym Names	Ring Finger Protein 125; FLJ20456; MGC21737; TRAC1
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	1D3
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Purity/Purification	Purified
Specificity	Recognizes RNF125.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	26kDa
OMIM	610432
3D Structure	ModBase 3D Structure for Q96EQ8
Immunogen	RNF125 (NP_060301, 143aa-231aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	FCQRELYEDSLLDHCITHHRSERRPVFCPLCRLIPDENPSSFSGSLIRHLQVSHTLFYDDFIDFNIIEEALIRRVLDRSLLEYVNHSNT
Conjugate	FITC
Product Categories/Family for anti-RNF125 antibody	Antibodies; Transcription Factors; Zinc (Ring) Finger
Applications Tested/Suitable for anti-RNF125 antibody	Immunofluorescence (IF), Western Blot (WB)
Application Notes for anti-RNF125 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-RNF125 antibody	This gene encodes a novel E3 ubiquitin ligase that contains an N-terminal RING finger domain. The encoded protein may function as a positive regulator in the T-cell receptor signaling pathway. [provided by RefSeq]
Other Notes	Small volumes of anti-RNF125 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for RNF125 purchase	MBS6177176 is an antibody targeting RNF125. Also known as RNF125 (RING Finger Protein 125, FLJ20456, MGC21737, TRAC1) (FITC). Host: Mouse.



Testing Data of anti-RNF125 antibody
Detection limit for recombinant GST tagged RNF125 is 0.1 ng/ml as a capture antibody.



Immunofluorescence (IF) of anti-RNF125 antibody
Immunofluorescence of monoclonal antibody to RNF125 on HeLa cell. [antibody concentration 10 ug/ml]



Immunofluorescence (IF) of anti-RNF125 antibody
Immunofluorescence of monoclonal antibody to RNF125 on HeLa cell. [antibody concentration 10 ug/ml]

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RNF125. It may not necessarily be applicable to this product.

NCBI GI #	37595555
NCBI GeneID	54941
NCBI Accession #	NP_060301
UniProt Primary Accession #	Q96EQ8
UniProt Related Accession #	Q96EQ8
GenBank Nucleotide #	NM_017831
NCBI Official Full Name	E3 ubiquitin-protein ligase RNF125
NCBI Official Synonym Full Names	ring finger protein 125
NCBI Official Symbol	RNF125
NCBI Official Synonym Symbols	TNORS; TRAC1; TRAC-1
UniProt Protein Name	E3 ubiquitin-protein ligase RNF125
UniProt Synonym Protein Names	RING finger protein 125; T-cell RING activation protein 1
Protein Family	E3 ubiquitin-protein ligase
UniProt Gene Name	RNF125
UniProt Synonym Gene Names	TRAC-1
UniProt Entry Name	RN125_HUMAN

NCBI Protein Information	E3 ubiquitin-protein ligase RNF125
NCBI Summary for RNF125	This gene encodes a novel E3 ubiquitin ligase that contains a RING finger domain in the N-terminus and three zinc-binding and one ubiquitin-interacting motif in the C-terminus. As a result of myristoylation, this protein associates with membranes and is primarily localized to intracellular membrane systems. The encoded protein may function as a positive regulator in the T-cell receptor signaling pathway. [provided by RefSeq, Mar 2012]
UniProt Comments for RNF125	RNF125: E3 ubiquitin-protein ligase that acts as a positive regulator of T-cell activation. E3 ligase proteins mediate ubiquitination and subsequent proteasomal degradation of target proteins. Protein type: Ubiquitin conjugating system; Ubiquitin ligase; EC 6.3.2.19; EC 6.3.2.-; Ligase Chromosomal Location of Human Ortholog: 18q12.1 Molecular Function: zinc ion binding; ubiquitin-protein ligase activity; ligase activity Biological Process: protein ubiquitination; innate immune response; negative regulation of interferon type I production Disease: Tenorio Syndrome
Research Articles on RNF125	**1.** this study shows that RNF125 activates Interleukin-36 receptor signaling and contributes to its turnover
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/monoclonal-antibody/rnf125/6177176